

AMENDMENTS TO THE CLAIMS

Claims 1-35 - Cancelled

36. (Previously Presented) A channel switching method to facilitate channel identification for a user of a digital television having a channel selection key signal, a video signal processing unit, a central processing unit, a main memory unit, an auxiliary storage memory unit and an icon display unit to facilitate channel identification, the method comprising:

first, inputting from the auxiliary memory unit, data for operating a program of the main memory unit, when a channel is selected;

second, searching for the selected channel and receiving a broadcast signal corresponding to the searched channel from the signal processing unit;

third, selecting a pertinent channel icon for the selected channel by comparing an icon corresponding with the channel with an icon of the channel stored in the main memory unit;

fourth, displaying the pertinent channel icon;

fifth, determining whether another channel is selected;

sixth, determining whether processing of a video signal corresponding to a signal outputted from the video signal processor is finished, if another channel is not selected;

seventh, displaying the broadcast signal of the selected channel, if the video signal processing is finished;

eighth, displaying the pertinent channel icon of the searched channel, if the video signal processing is not finished;

ninth, repeatedly performing the previous steps, if another channel selection is not made;

tenth, searching a newly selected channel if a new channel selection is made before the video signal processing is finished; and

eleventh, repeating the sixth, seventh, eighth and ninth steps with respect to the newly selected channel to facilitate identification of a selected channel.

37. (Previously Presented) A channel switching apparatus to facilitate channel identification for a user of a digital television having a channel selection key signal, a video signal processing unit, a central processing unit, a main memory unit, an auxiliary storage memory unit and an icon display unit to facilitate channel identification, the apparatus comprising:

means for inputting from the auxiliary memory unit, data for operating a program of the main memory unit, when a channel is selected;

means for searching for the selected channel and receiving a broadcast signal corresponding to the searched channel from the signal processing unit;

means for selecting a pertinent channel icon for the selected channel by comparing an icon corresponding with the channel with an icon of the channel stored in the main memory unit;

means for displaying the pertinent channel icon;

means for determining whether another channel is selected;

means for determining whether processing of a video signal corresponding to a signal outputted from the video signal processor is finished, if another channel is not selected;

means for displaying the broadcast signal of the selected channel, if the video signal processing is finished;

means for displaying the pertinent channel icon of the searched channel, if the video signal processing is not finished;

means for repeatedly performing the previous steps, if another channel selection is not made;

means for searching a newly selected channel if a new channel selection is made before the video signal processing is finished; and

means for repeating the first four of the last five recited steps with respect to the newly selected channel to facilitate identification of a selected channel.